GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 7, 2005, 07:07:07 ; Search time 61.3569 Seconds
(without alignments)
1072.560 Million cell updates/sec

Title: US-09-939-537-31_COPY_1_200
Perfect score: 1029
Sequence: 1 MNRGVPFRHLLLVLQLALLP.....TWTCTVLQNQKKVEFKIDIV 200

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1391452 seqs, 329044822 residues

Total number of hits satisfying chosen parameters: 1391452

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published_Applications_AA:*
1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*
3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
5: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*
6: /cgn2_6/ptodata/1/pubpaa/PCTUS_PUBCOMB.pep:*
7: /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep:*
8: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
9: /cgn2_6/ptodata/1/pubpaa/US09A_PUBCOMB.pep:*
10: /cgn2_6/ptodata/1/pubpaa/US09B_PUBCOMB.pep:*
11: /cgn2_6/ptodata/1/pubpaa/US09C_PUBCOMB.pep:*
12: /cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep:*
13: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep:*
14: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*
15: /cgn2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep:*
16: /cgn2_6/ptodata/1/pubpaa/US10D_PUBCOMB.pep:*
17: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep:*
18: /cgn2_6/ptodata/1/pubpaa/US11_NEW_PUB.pep:*
19: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep:*
20: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	1029	100.0	203	10	US-09-939-537-31	Sequence 31, Appl
2	1029	100.0	398	10	US-09-939-537-29	Sequence 29, Appl
3	1029	100.0	402	14	US-10-157-408-1	Sequence 1, Appli
4	1029	100.0	402	14	US-10-097-044A-1	Sequence 1, Appli
5	1029	100.0	402	16	US-10-769-247-1	Sequence 1, Appli
6	1029	100.0	457	11	US-09-891-119A-9	Sequence 9, Appli
7	1029	100.0	462	10	US-09-939-537-5	Sequence 5, Appli
8	1029	100.0	462	11	US-09-243-008-5	Sequence 5, Appli
9	1029	100.0	532	10	US-09-939-537-6	Sequence 6, Appli
10	1029	100.0	532	11	US-09-243-008-6	Sequence 6, Appli
11	1029	100.0	575	10	US-09-939-537-4	Sequence 4, Appli
12	1029	100.0	575	11	US-09-243-008-4	Sequence 4, Appli
13	1023	99.4	310	8	US-08-485-163-7	Sequence 7, Appli
14	1023	99.4	310	9	US-09-766-995-6	Sequence 6, Appli
15	1023	99.4	432	8	US-08-485-163-3	Sequence 3, Appli
16	1023	99.4	432	9	US-09-766-995-2	Sequence 2, Appli
17	1023	99.4	458	14	US-10-151-274-3	Sequence 3, Appli
18	1023	99.4	458	14	US-10-103-597A-39	Sequence 39, Appl
19	1023	99.4	458	14	US-10-188-444-39	Sequence 39, Appl
20	1023	99.4	458	14	US-10-207-655-170	Sequence 170, App
21	1023	99.4	530	8	US-08-485-163-5	Sequence 5, Appli
22	1023	99.4	530	9	US-09-766-995-4	Sequence 4, Appli
23	1021	99.2	458	8	US-08-681-219-27	Sequence 27, Appl
24	1021	99.2	458	10	US-09-230-111C-25	Sequence 25, Appl
25	1021	99.2	458	14	US-10-092-138-25	Sequence 25, Appl
26	1012	98.3	397	11	US-09-891-119A-2	Sequence 2, Appli
27	917.5	89.2	448	14	US-10-024-329-32	Sequence 32, Appl
28	916	89.0	434	14	US-10-157-408-4	Sequence 4, Appli
29	916	89.0	434	14	US-10-097-044A-4	Sequence 4, Appli
30	916	89.0	434	16	US-10-769-247-4	Sequence 4, Appli
31	903	87.8	788	14	US-10-073-118-26	Sequence 26, Appl
32	899	87.4	178	9	US-09-934-060A-26	Sequence 26, Appl
33	899	87.4	370	9	US-09-759-841-6	Sequence 6, Appli
34	899	87.4	433	16	US-10-872-198-129	Sequence 129, App
35	899	87.4	590	9	US-09-934-060A-13	Sequence 13, Appl
36	899	87.4	720	9	US-09-934-060A-2	Sequence 2, Appli
37	899	87.4	720	9	US-09-934-060A-4	Sequence 4, Appli
38	881	85.6	184	14	US-10-024-329-33	Sequence 33, Appl
39	494	48.0	94	11	US-09-891-119A-10	Sequence 10, Appl
40	486	47.2	93	14	US-10-105-545-26	Sequence 26, Appl
41	475	46.2	612	14	US-10-125-692-10	Sequence 10, Appl
42	337	32.8	84	9	US-09-135-238B-8	Sequence 8, Appli
43	238	23.1	95	14	US-10-105-545-25	Sequence 25, Appl
44	150	14.6	50	14	US-10-076-674-4	Sequence 4, Appli
45	150	14.6	50	14	US-10-076-674-5	Sequence 5, Appli

ALIGNMENTS

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RESULT 1
US-09-939-537-31
; Sequence 31, Application US/09939537
; Publication No. US20030138410A1
;  GENERAL INFORMATION:
;       APPLICANT: Seed, Brian
;                  Banapour, Babak
;                  Romeo, Charles
;                  Kolanus, Waldemar
;       TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED
;                           CELLS BY CHIMERIC CD4 RECEPTOR- BEARING CELLS
;       NUMBER OF SEQUENCES: 53
;       CORRESPONDENCE ADDRESS:
;            ADDRESSEE: Clark & Elbing LLP
;            STREET: 176 Federal Street
;            CITY: Boston
;            STATE: MA
;            COUNTRY: USA
;            ZIP: 02110
;       COMPUTER READABLE FORM:
;            MEDIUM TYPE: Diskette
;            COMPUTER: IBM Compatible
;            OPERATING SYSTEM: DOS
;            SOFTWARE: PastSEQ for Windows Version 2.0
;       CURRENT APPLICATION DATA:
;            APPLICATION NUMBER: US/09/939,537
;            FILING DATE: 24-Aug-2001
;            CLASSIFICATION: <Unknown>
;       PRIOR APPLICATION DATA:
;            APPLICATION NUMBER: 08/284,391
;            FILING DATE: 02-AUG-1994
;            APPLICATION NUMBER: 08/195,395
;            FILING DATE: 14-FEB-1994
;            APPLICATION NUMBER: 07/847,566
;            FILING DATE: 06-MAR-1992
;            APPLICATION NUMBER: 07/665,961
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;            FILING DATE: 07-MAR-1991
;          ATTORNEY/AGENT INFORMATION:
;            NAME: Elbing, Karen L
;            REGISTRATION NUMBER: 35,238
;            REFERENCE/DOCKET NUMBER: 00786/247001
;          TELECOMMUNICATION INFORMATION:
;            TELEPHONE: 617-428-0200
;            TELEFAX: 617-428-7045
;            TELEX: <Unknown>
;     INFORMATION FOR SEQ ID NO: 31:
;          SEQUENCE CHARACTERISTICS:
;            LENGTH: 203 amino acids
;            TYPE: amino acid
;            STRANDEDNESS: single
;            TOPOLOGY: linear
;          MOLECULE TYPE: protein
;          SEQUENCE DESCRIPTION: SEQ ID NO: 31:
US-09-939-537-31

  Query Match           100.0%;  Score 1029;  DB 10;  Length 203;
  Best Local Similarity  100.0%;  Pred. No. 4.4e-78;
  Matches  200;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK 60
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Db          1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK 60

Qy         61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120

Qy        121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180

Qy        181 TWTCTVLQNQKKVEFKIDIV 200
              ||||||||||||||||||||
Db        181 TWTCTVLQNQKKVEFKIDIV 200


RESULT 2
US-09-939-537-29
; Sequence 29, Application US/09939537
; Publication No. US20030138410A1
;   GENERAL INFORMATION:
;        APPLICANT: Seed, Brian
;                   Banapour, Babak
;                   Romeo, Charles
;                   Kolanus, Waldemar
;        TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED
;                            CELLS BY CHIMERIC CD4 RECEPTOR- BEARING CELLS
;        NUMBER OF SEQUENCES: 53
;        CORRESPONDENCE ADDRESS:
;             ADDRESSEE: Clark & Elbing LLP
;             STREET: 176 Federal Street
;             CITY: Boston
;             STATE: MA
;             COUNTRY: USA
;             ZIP: 02110
;        COMPUTER READABLE FORM:
;             MEDIUM TYPE: Diskette
;             COMPUTER: IBM Compatible
;             OPERATING SYSTEM: DOS
;             SOFTWARE: FastSEQ for Windows Version 2.0
;        CURRENT APPLICATION DATA:
;             APPLICATION NUMBER: US/09/939,537
;             FILING DATE: 24-Aug-2001
;             CLASSIFICATION: <Unknown>
;        PRIOR APPLICATION DATA:
;             APPLICATION NUMBER: 08/284,391
;             FILING DATE: 02-AUG-1994
;             APPLICATION NUMBER: 08/195,395
;             FILING DATE: 14-FEB-1994
;             APPLICATION NUMBER: 07/847,566
;             FILING DATE: 06-MAR-1992
;             APPLICATION NUMBER: 07/665,961
;             FILING DATE: 07-MAR-1991
;          ATTORNEY/AGENT INFORMATION:
;             NAME: Elbing, Karen L
;             REGISTRATION NUMBER: 35,238
;             REFERENCE/DOCKET NUMBER: 00786/247001
;          TELECOMMUNICATION INFORMATION:
;             TELEPHONE: 617-428-0200
;             TELEFAX: 617-428-7045
;             TELEX: <Unknown>
;     INFORMATION FOR SEQ ID NO: 29:
;          SEQUENCE CHARACTERISTICS:
;             LENGTH: 398 amino acids
;             TYPE: amino acid
;             STRANDEDNESS: single
;             TOPOLOGY: linear
;          MOLECULE TYPE: protein
;          SEQUENCE DESCRIPTION: SEQ ID NO: 29:
US-09-939-537-29

  Query Match           100.0%;  Score 1029;  DB 10;  Length 398;
  Best Local Similarity  100.0%;  Pred. No. 9.8e-78;
  Matches  200;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK 60
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Db          1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK 60

Qy         61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120

Qy        121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180

Qy        181 TWTCTVLQNQKKVEFKIDIV 200
              ||||||||||||||||||||
Db        181 TWTCTVLQNQKKVEFKIDIV 200


RESULT 3
US-10-157-408-1
; Sequence 1, Application US/10157408
; Publication No. US20030104535A1
;   GENERAL INFORMATION:
;        APPLICANT: Capon, Daniel J.
;                   Gregory, Timothy J.
;        TITLE OF INVENTION: Adheson Variants
;        NUMBER OF SEQUENCES: 25
;        CORRESPONDENCE ADDRESS:
;             ADDRESSEE: Genentech, Inc.
;             STREET: 460 Point San Bruno Blvd
;             CITY: South San Francisco
;             STATE: California
;             COUNTRY: USA
;             ZIP: 94080
;        COMPUTER READABLE FORM:
;             MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
;             COMPUTER: IBM PC compatible
;             OPERATING SYSTEM: PC-DOS/MS-DOS
;             SOFTWARE: patin (Genentech)
;        CURRENT APPLICATION DATA:
;             APPLICATION NUMBER: US/10/157,408
;             FILING DATE: 28-May-2002
;             CLASSIFICATION: 435
;        PRIOR APPLICATION DATA:
;             APPLICATION NUMBER: US/08/457,918
;             FILING DATE: 1-JUN-1995
;             APPLICATION NUMBER: 08/236311
;             FILING DATE: 02-MAY-1994
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;             APPLICATION NUMBER: 07/936190
;             FILING DATE: 26-AUG-1992
;             APPLICATION NUMBER: 07/842777
;             FILING DATE: 18-FEB-1992
;             APPLICATION NUMBER: 07/250785
;             FILING DATE: 28-SEP-1988
;             APPLICATION NUMBER: 07/104329
;             FILING DATE: 02-OCT-1987
;        ATTORNEY/AGENT INFORMATION:
;             NAME: Kubinec, Jeffrey S.
;             REGISTRATION NUMBER: 36,575
;             REFERENCE/DOCKET NUMBER: P0444P1C3
;        TELECOMMUNICATION INFORMATION:
;             TELEPHONE: 415/225-8228
;             TELEFAX: 415/952-9881
;             TELEX: 910/371-7168
;   INFORMATION FOR SEQ ID NO: 1:
;        SEQUENCE CHARACTERISTICS:
;             LENGTH: 402 amino acids
;             TYPE: amino acid
;             TOPOLOGY: linear
;        SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-10-157-408-1

  Query Match             100.0%;  Score 1029;  DB 14;  Length 402;
  Best Local Similarity   100.0%;  Pred. No. 9.9e-78;
  Matches  200;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK 60

Qy         61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120

Qy        121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180

Qy        181 TWTCTVLQNQKKVEFKIDIV 200
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Db        181 TWTCTVLQNQKKVEFKIDIV 200


RESULT 4
US-10-097-044A-1
; Sequence 1, Application US/10097044A
; Publication No. US20030143220A1
;   GENERAL INFORMATION:
;        APPLICANT: Capon, Daniel J.
;                   Gregory, Timothy J.
;        TITLE OF INVENTION: Adheson Variants
;        NUMBER OF SEQUENCES: 25
;        CORRESPONDENCE ADDRESS:
;             ADDRESSEE: Genentech, Inc.
;             STREET: 460 Point San Bruno Blvd
;             CITY: South San Francisco
;             STATE: California
;             COUNTRY: USA
;             ZIP: 94080
;        COMPUTER READABLE FORM:
;             MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
;             COMPUTER: IBM PC compatible
;             OPERATING SYSTEM: PC-DOS/MS-DOS
;             SOFTWARE: patin (Genentech)
;        CURRENT APPLICATION DATA:
;             APPLICATION NUMBER: US/10/097,044A
;             FILING DATE: 28-May-2002
;             CLASSIFICATION: <Unknown>
;        PRIOR APPLICATION DATA:
;             APPLICATION NUMBER: US/08/457,918
;             FILING DATE: 1-JUN-1995
;             APPLICATION NUMBER: 08/236311
;             FILING DATE: 02-MAY-1994
;             APPLICATION NUMBER: 07/936190
;             FILING DATE: 26-AUG-1992
;             APPLICATION NUMBER: 07/842777
;             FILING DATE: 18-FEB-1992
;             APPLICATION NUMBER: 07/250785
;             FILING DATE: 28-SEP-1988
;             APPLICATION NUMBER: 07/104329
;             FILING DATE: 02-OCT-1987
;        ATTORNEY/AGENT INFORMATION:
;             NAME: Kubinec, Jeffrey S.
;             REGISTRATION NUMBER: 36,575
;             REFERENCE/DOCKET NUMBER: P0444P1C3
;        TELECOMMUNICATION INFORMATION:
;             TELEPHONE: 415/225-8228
;             TELEFAX: 415/952-9881
;             TELEX: 910/371-7168
;   INFORMATION FOR SEQ ID NO: 1:
;        SEQUENCE CHARACTERISTICS:
;             LENGTH: 402 amino acids
;             TYPE: amino acid
;             TOPOLOGY: linear
;        SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-10-097-044A-1

  Query Match             100.0%;  Score 1029;  DB 14;  Length 402;
  Best Local Similarity   100.0%;  Pred. No. 9.9e-78;
  Matches  200;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK 60

Qy         61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120

Qy        121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180

Qy        181 TWTCTVLQNQKKVEFKIDIV 200
              ||||||||||||||||||||
Db        181 TWTCTVLQNQKKVEFKIDIV 200


RESULT 5
US-10-769-247-1
; Sequence 1, Application US/10769247
; Publication No. US20040197809A1
;   GENERAL INFORMATION:
;        APPLICANT: Capon, Daniel J.
;                   Gregory, Timothy J.
;        TITLE OF INVENTION: Adheson Variants
;        NUMBER OF SEQUENCES: 25
;        CORRESPONDENCE ADDRESS:
;             ADDRESSEE: Genentech, Inc.
;             STREET: 460 Point San Bruno Blvd
;             CITY: South San Francisco
;             STATE: California
;             COUNTRY: USA
;             ZIP: 94080
;        COMPUTER READABLE FORM:
;             MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
;             COMPUTER: IBM PC compatible
;             OPERATING SYSTEM: PC-DOS/MS-DOS
;             SOFTWARE: patin (Genentech)
;        CURRENT APPLICATION DATA:
;             APPLICATION NUMBER: US/10/769,247
;             FILING DATE: 30-Jan-2004
;             CLASSIFICATION: <Unknown>
;        PRIOR APPLICATION DATA:
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;             APPLICATION NUMBER: US/08/457,918
;             FILING DATE: 1-JUN-1995
;             APPLICATION NUMBER: 08/236311
;             FILING DATE: 02-MAY-1994
;             APPLICATION NUMBER: 07/936190
;             FILING DATE: 26-AUG-1992
;             APPLICATION NUMBER: 07/842777
;             FILING DATE: 18-FEB-1992
;             APPLICATION NUMBER: 07/250785
;             FILING DATE: 28-SEP-1988
;             APPLICATION NUMBER: 07/104329
;             FILING DATE: 02-OCT-1987
;        ATTORNEY/AGENT INFORMATION:
;             NAME: Kubinec, Jeffrey S.
;             REGISTRATION NUMBER: 36,575
;             REFERENCE/DOCKET NUMBER: P0444P1C3
;        TELECOMMUNICATION INFORMATION:
;             TELEPHONE: 415/225-8228
;             TELEFAX: 415/952-9881
;             TELEX: 910/371-7168
;   INFORMATION FOR SEQ ID NO: 1:
;        SEQUENCE CHARACTERISTICS:
;             LENGTH: 402 amino acids
;             TYPE: amino acid
;             TOPOLOGY: linear
;        SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-10-769-247-1

  Query Match             100.0%;  Score 1029;  DB 16;  Length 402;
  Best Local Similarity   100.0%;  Pred. No. 9.9e-78;
  Matches  200;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK 60

Qy         61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120

Qy        121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180

Qy        181 TWTCTVLQNQKKVEFKIDIV 200
              ||||||||||||||||||||
Db        181 TWTCTVLQNQKKVEFKIDIV 200


RESULT 6
US-09-891-119A-9
; Sequence 9, Application US/09891119A
; Publication No. US20040013683A1
; GENERAL INFORMATION:
;  APPLICANT: Maddon, Paul J.
;  TITLE OF INVENTION: DERIVATIVES OF SOLUBLE T-4
;  FILE REFERENCE: 24577-CY-B
;  CURRENT APPLICATION NUMBER: US/09/891,119A
;  CURRENT FILING DATE:  2001-06-25
;  NUMBER OF SEQ ID NOS: 22
;  SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
;   LENGTH: 457
;   TYPE: PRT
;   ORGANISM: human
US-09-891-119A-9

  Query Match             100.0%;  Score 1029;  DB 11;  Length 457;
  Best Local Similarity   100.0%;  Pred. No. 1.2e-77;
  Matches  200;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||

Db          1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK 60

Qy         61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120

Qy        121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180

Qy        181 TWTCTVLQNQKKVEFKIDIV 200
              ||||||||||||||||||||
Db        181 TWTCTVLQNQKKVEFKIDIV 200


RESULT 7
US-09-939-537-5
; Sequence 5, Application US/09939537
; Publication No. US20030138410A1
;   GENERAL INFORMATION:
;        APPLICANT: Seed, Brian
;                   Banapour, Babak
;                   Romeo, Charles
;                   Kolanus, Waldemar
;        TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED
;                            CELLS BY CHIMERIC CD4 RECEPTOR- BEARING CELLS
;        NUMBER OF SEQUENCES: 53
;        CORRESPONDENCE ADDRESS:
;             ADDRESSEE: Clark & Elbing LLP
;             STREET: 176 Federal Street
;             CITY: Boston
;             STATE: MA
;             COUNTRY: USA
;             ZIP: 02110
;        COMPUTER READABLE FORM:
;             MEDIUM TYPE: Diskette
;             COMPUTER: IBM Compatible
;             OPERATING SYSTEM: DOS
;             SOFTWARE: FastSEQ for Windows Version 2.0
;        CURRENT APPLICATION DATA:
;             APPLICATION NUMBER: US/09/939,537
;             FILING DATE: 24-Aug-2001
;             CLASSIFICATION: <Unknown>
;        PRIOR APPLICATION DATA:
;             APPLICATION NUMBER: 08/284,391
;             FILING DATE: 02-AUG-1994
;             APPLICATION NUMBER: 08/195,395
;             FILING DATE: 14-FEB-1994
;             APPLICATION NUMBER: 07/847,566
;             FILING DATE: 06-MAR-1992
;             APPLICATION NUMBER: 07/665,961
;             FILING DATE: 07-MAR-1991
;        ATTORNEY/AGENT INFORMATION:
;             NAME: Elbing, Karen L
;             REGISTRATION NUMBER: 35,238
;             REFERENCE/DOCKET NUMBER: 00786/247001
;        TELECOMMUNICATION INFORMATION:
;             TELEPHONE: 617-428-0200
;             TELEFAX: 617-428-7045
;             TELEX: <Unknown>
;   INFORMATION FOR SEQ ID NO: 5:
;        SEQUENCE CHARACTERISTICS:
;             LENGTH: 462 amino acids
;             TYPE: amino acid
;             STRANDEDNESS: single
;             TOPOLOGY: linear
;        MOLECULE TYPE: protein
;        SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-939-537-5

  Query Match             100.0%;  Score 1029;  DB 10;  Length 462;
  Best Local Similarity   100.0%;  Pred. No. 1.2e-77;
  Matches  200;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;
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Qy          1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK 60

Qy         61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120

Qy        121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180

Qy        181 TWTCTVLQNQKKVEFKIDIV 200
              ||||||||||||||||||||
Db        181 TWTCTVLQNQKKVEFKIDIV 200
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RESULT 8
US-09-243-008-5
; Sequence 5, Application US/09243008
; Publication No. US20040005334A1
; GENERAL INFORMATION:
; APPLICANT: Seed, Brian et al.
; TITLE OF INVENTION: Redirection of Cellular Immunity by
; Receptor Chimeras
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM PS/2 Model 50Z or 55SX
; OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)
; SOFTWARE: Wordperfect (Version 5.0)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/243,008
; FILING DATE: 02-Feb-1999
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/394,176
; FILING DATE: SEPTEMBER 11,1995
; APPLICATION NUMBER: 08/203,866
; FILING DATE: February 28, 1994
; APPLICATION NUMBER: 07/847,566
; FILING DATE: March 6, 1992
; APPLICATION NUMBER: 07/665,961
; FILING DATE: March 7, 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Karen F. Lech, Ph.D
; REGISTRATION NUMBER: 35,238
; REFERENCE/DOCKET NUMBER: 00786/270001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 542-5070
; TELEFAX: (617) 542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 462 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-243-008-5

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  Query Match             100.0%;  Score 1029;  DB 11;  Length 462;
  Best Local Similarity   100.0%;  Pred. No. 1.2e-77;
  Matches  200;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK 60

Qy         61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120

Qy        121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180

Qy        181 TWTCTVLQNQKKVEFKIDIV 200
              ||||||||||||||||||||
Db        181 TWTCTVLQNQKKVEFKIDIV 200
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RESULT 9
US-09-939-537-6
; Sequence 6, Application US/09939537
; Publication No. US20030138410A1
; GENERAL INFORMATION:
; APPLICANT: Seed, Brian
; Banapour, Babak
; Romeo, Charles
; Kolanus, Waldemar
; TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED
; CELLS BY CHIMERIC CD4 RECEPTOR- BEARING CELLS
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Clark & Elbing LLP
; STREET: 176 Federal Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/939,537
; FILING DATE: 24-Aug-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/284,391
; FILING DATE: 02-AUG-1994
; APPLICATION NUMBER: 08/195,395
; FILING DATE: 14-FEB-1994
; APPLICATION NUMBER: 07/847,566
; FILING DATE: 06-MAR-1992
; APPLICATION NUMBER: 07/665,961
; FILING DATE: 07-MAR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Elbing, Karen L
; REGISTRATION NUMBER: 35,238
; REFERENCE/DOCKET NUMBER: 00786/247001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-428-0200
; TELEFAX: 617-428-7045
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 532 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-09-939-537-6

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  Query Match             100.0%;  Score 1029;  DB 10;  Length 532;
  Best Local Similarity   100.0%;  Pred. No. 1.4e-77;
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  Matches  200;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK 60

Qy         61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120

Qy        121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180

Qy        181 TWTCTVLQNQKKVEFKIDIV 200
              ||||||||||||||||||||
Db        181 TWTCTVLQNQKKVEFKIDIV 200


RESULT 10
US-09-243-008-6
; Sequence 6, Application US/09243008
; Publication No. US20040005334A1
;   GENERAL INFORMATION:
;        APPLICANT: Seed, Brian et al.
;        TITLE OF INVENTION: Redirection of Cellular Immunity by
;                            Receptor Chimeras
;        NUMBER OF SEQUENCES: 40
;        CORRESPONDENCE ADDRESS:
;             ADDRESSEE: Fish & Richardson P.C.
;             STREET: 225 Franklin Street
;             CITY: Boston
;             STATE: MA
;             COUNTRY: USA
;             ZIP: 02110-2804
;        COMPUTER READABLE FORM:
;             MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;             COMPUTER: IBM PS/2 Model 50Z or 55SX
;             OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)
;             SOFTWARE: Wordperfect (Version 5.0)
;        CURRENT APPLICATION DATA:
;             APPLICATION NUMBER: US/09/243,008
;             FILING DATE: 02-Feb-1999
;        PRIOR APPLICATION DATA:
;             APPLICATION NUMBER: US/08/394,176
;             FILING DATE: SEPTEMBER 11,1995
;             APPLICATION NUMBER: 08/203,866
;             FILING DATE: February 28, 1994
;             APPLICATION NUMBER: 07/847,566
;             FILING DATE: March 6, 1992
;             APPLICATION NUMBER: 07/665,961
;             FILING DATE: March 7, 1991
;        ATTORNEY/AGENT INFORMATION:
;             NAME: Karen F. Lech, Ph.D
;             REGISTRATION NUMBER: 35,238
;             REFERENCE/DOCKET NUMBER: 00786/270001
;        TELECOMMUNICATION INFORMATION:
;             TELEPHONE: (617) 542-5070
;             TELEFAX: (617) 542-8906
;             TELEX: 200154
;   INFORMATION FOR SEQ ID NO: 6:
;        SEQUENCE CHARACTERISTICS:
;             LENGTH: 532 amino acids
;             TYPE: amino acid
;             TOPOLOGY: linear
;        MOLECULE TYPE: protein
;        SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-09-243-008-6

  Query Match           100.0%;  Score 1029;  DB 11;  Length 532;
  Best Local Similarity  100.0%;  Pred. No. 1.4e-77;
  Matches  200;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK 60

Qy         61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120

Qy        121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180

Qy        181 TWTCTVLQNQKKVEFKIDIV 200
              ||||||||||||||||||||
Db        181 TWTCTVLQNQKKVEFKIDIV 200


RESULT 11
US-09-939-537-4
; Sequence 4, Application US/09939537
; Publication No. US20030138410A1
;   GENERAL INFORMATION:
;        APPLICANT: Seed, Brian
;                   Banapour, Babak
;                   Romeo, Charles
;                   Kolanus, Waldemar
;        TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED
;                            CELLS BY CHIMERIC CD4 RECEPTOR- BEARING CELLS
;        NUMBER OF SEQUENCES: 53
;        CORRESPONDENCE ADDRESS:
;             ADDRESSEE: Clark & Elbing LLP
;             STREET: 176 Federal Street
;             CITY: Boston
;             STATE: MA
;             COUNTRY: USA
;             ZIP: 02110
;        COMPUTER READABLE FORM:
;             MEDIUM TYPE: Diskette
;             COMPUTER: IBM Compatible
;             OPERATING SYSTEM: DOS
;             SOFTWARE: FastSEQ for Windows Version 2.0
;        CURRENT APPLICATION DATA:
;             APPLICATION NUMBER: US/09/939,537
;             FILING DATE: 24-Aug-2001
;             CLASSIFICATION: <Unknown>
;        PRIOR APPLICATION DATA:
;             APPLICATION NUMBER: 08/284,391
;             FILING DATE: 02-AUG-1994
;             APPLICATION NUMBER: 08/195,395
;             FILING DATE: 14-FEB-1994
;             APPLICATION NUMBER: 07/847,566
;             FILING DATE: 06-MAR-1992
;             APPLICATION NUMBER: 07/665,961
;             FILING DATE: 07-MAR-1991
;        ATTORNEY/AGENT INFORMATION:
;             NAME: Elbing, Karen L
;             REGISTRATION NUMBER: 35,238
;             REFERENCE/DOCKET NUMBER: 00786/247001
;        TELECOMMUNICATION INFORMATION:
;             TELEPHONE: 617-428-0200
;             TELEFAX: 617-428-7045
;             TELEX: <Unknown>
;   INFORMATION FOR SEQ ID NO: 4:
;        SEQUENCE CHARACTERISTICS:
;             LENGTH: 575 amino acids
;             TYPE: amino acid
;             STRANDEDNESS: single
;             TOPOLOGY: linear
;        MOLECULE TYPE: protein
;        SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-09-939-537-4

  Query Match           100.0%;  Score 1029;  DB 10;  Length 575;
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  Best Local Similarity   100.0%;  Pred. No. 1.5e-77;
  Matches  200;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK 60

Qy         61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120

Qy        121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180

Qy        181 TWTCTVLQNQKKVEFKIDIV 200
              ||||||||||||||||||||
Db        181 TWTCTVLQNQKKVEFKIDIV 200


RESULT 12
US-09-243-008-4
; Sequence 4, Application US/09243008
; Publication No. US20040005334A1
;  GENERAL INFORMATION:
;       APPLICANT: Seed, Brian et al.
;       TITLE OF INVENTION: Redirection of Cellular Immunity by
;                           Receptor Chimeras
;       NUMBER OF SEQUENCES: 40
;       CORRESPONDENCE ADDRESS:
;            ADDRESSEE: Fish & Richardson P.C.
;            STREET: 225 Franklin Street
;            CITY: Boston
;            STATE: MA
;            COUNTRY: USA
;            ZIP: 02110-2804
;       COMPUTER READABLE FORM:
;            MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;            COMPUTER: IBM PS/2 Model 50Z or 55SX
;            OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)
;            SOFTWARE: Wordperfect (Version 5.0)
;       CURRENT APPLICATION DATA:
;            APPLICATION NUMBER: US/09/243,008
;            FILING DATE: 02-Feb-1999
;       PRIOR APPLICATION DATA:
;            APPLICATION NUMBER: US/08/394,176
;            FILING DATE: SEPTEMBER 11,1995
;            APPLICATION NUMBER: 08/203,866
;            FILING DATE: February 28, 1994
;            APPLICATION NUMBER: 07/847,566
;            FILING DATE: March 6, 1992
;            APPLICATION NUMBER: 07/665,961
;            FILING DATE: March 7, 1991
;       ATTORNEY/AGENT INFORMATION:
;            NAME: Karen F. Lech, Ph.D
;            REGISTRATION NUMBER: 35,238
;            REFERENCE/DOCKET NUMBER: 00786/270001
;       TELECOMMUNICATION INFORMATION:
;            TELEPHONE: (617) 542-5070
;            TELEFAX: (617) 542-8906
;            TELEX: 200154
;  INFORMATION FOR SEQ ID NO: 4:
;       SEQUENCE CHARACTERISTICS:
;            LENGTH: 575 amino acids
;            TYPE: amino acid
;            TOPOLOGY: linear
;       MOLECULE TYPE: protein
;       SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-09-243-008-4

  Query Match           100.0%;  Score 1029;  DB 11;  Length 575;
  Best Local Similarity   100.0%;  Pred. No. 1.5e-77;
  Matches  200;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK 60

Qy         61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120

Qy        121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180

Qy        181 TWTCTVLQNQKKVEFKIDIV 200
              ||||||||||||||||||||
Db        181 TWTCTVLQNQKKVEFKIDIV 200


RESULT 13
US-08-485-163-7
; Sequence 7, Application US/08485163
; Publication No. US20020098191A1
;  GENERAL INFORMATION:
;    APPLICANT:  Beaudry, Gary A.
;    APPLICANT:  Maddon, Paul J.
;    TITLE OF INVENTION:  CD4-GAMMA2 CD4-IgG2 CHIMERAS
;    NUMBER OF SEQUENCES:  10
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Cooper & Dunham LLP
;      STREET:  1185 Avenue of the Americas
;      CITY:  New York
;      STATE:  New York
;      COUNTRY:  USA
;      ZIP:  10036
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.24
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/485,163
;      FILING DATE:  07-JUN-1995
;      CLASSIFICATION:  514
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  White, John P.
;      REGISTRATION NUMBER:  28,678
;      REFERENCE/DOCKET NUMBER:  37690-II-1-PCT-US
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (212) 278-0400
;      TELEFAX:  (212) 391-0525
;      TELEX:
;  INFORMATION FOR SEQ ID NO:  7:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  310 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  unknown
;      TOPOLOGY:  unknown
;    MOLECULE TYPE:  protein
;    ORIGINAL SOURCE:
;      ORGANISM:  homo sapien
;      CELL TYPE:  lymphocyte
US-08-485-163-7

  Query Match           99.4%;  Score 1023;  DB 8;  Length 310;
  Best Local Similarity   99.5%;  Pred. No. 2.3e-77;
  Matches  199;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK 60
              |||||||||||||||||||||||| ||||||||||||||||||||||||||||||||||||
Db          1 MNRGVPFRHLLLVLQLALLPAATQGKKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK 60

Qy         61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120
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Db         61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120

Qy        121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180

Qy        181 TWTCTVLQNQKKVEFKIDIV 200
              ||||||||||||||||||||
Db        181 TWTCTVLQNQKKVEFKIDIV 200


RESULT 14
US-09-766-995-6
; Sequence 6, Application US/09766995
; Patent No. US20020052481A1
; GENERAL INFORMATION:
;  APPLICANT: Graham P. Allaway et al.
;  TITLE OF INVENTION: NON-PEPTIDYL MOIETY-CONJUGATED CD4-GAMMA2 AND CD4-IgG2 IMMUNOCONJ
;  TITLE OF INVENTION:  AND USES THEREOF
;  FILE REFERENCE: 2048/41215-CB/JPW/SHS
;  CURRENT APPLICATION NUMBER: US/09/766,995
;  CURRENT FILING DATE:  2001-01-22
;  NUMBER OF SEQ ID NOS: 9
;  SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6
;   LENGTH: 310
;   TYPE: PRT
;   ORGANISM: homo sapians
US-09-766-995-6

  Query Match             99.4%;  Score 1023;  DB 9;  Length 310;
  Best Local Similarity   99.5%;  Pred. No. 2.3e-77;
  Matches  199;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK 60
              ||||||||||||||||||||||| ||||||||||||||||||||||||||||||||||||
Db          1 MNRGVPFRHLLLVLQLALLPAATQGKKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK 60

Qy         61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120

Qy        121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180

Qy        181 TWTCTVLQNQKKVEFKIDIV 200
              ||||||||||||||||||||
Db        181 TWTCTVLQNQKKVEFKIDIV 200


RESULT 15
US-08-485-163-3
; Sequence 3, Application US/08485163
; Publication No. US20020098191A1
;  GENERAL INFORMATION:
;    APPLICANT:  Beaudry, Gary A.
;    APPLICANT:  Maddon, Paul J.
;    TITLE OF INVENTION:  CD4-GAMMA2 CD4-IgG2 CHIMERAS
;    NUMBER OF SEQUENCES:  10
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Cooper & Dunham LLP
;      STREET:  1185 Avenue of the Americas
;      CITY:  New York
;      STATE:  New York
;      COUNTRY:  USA
;      ZIP:  10036
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.24
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/485,163
;      FILING DATE:  07-JUN-1995
;      CLASSIFICATION:  514
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  White, John P.
;      REGISTRATION NUMBER:  28,678
;      REFERENCE/DOCKET NUMBER:  37690-II-1-PCT-US
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (212) 278-0400
;      TELEFAX:  (212) 391-0525
;      TELEX:
;  INFORMATION FOR SEQ ID NO:  3:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  432 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  unknown
;      TOPOLOGY:  unknown
;    MOLECULE TYPE:  protein
;    ORIGINAL SOURCE:
;      ORGANISM:  homo sapien
;      CELL TYPE:  lymphocyte
US-08-485-163-3

  Query Match             99.4%;  Score 1023;  DB 8;  Length 432;
  Best Local Similarity   99.5%;  Pred. No. 3.4e-77;
  Matches  199;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK 60
              ||||||||||||||||||||||| ||||||||||||||||||||||||||||||||||||
Db          1 MNRGVPFRHLLLVLQLALLPAATQGKKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK 60

Qy         61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120

Qy        121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180

Qy        181 TWTCTVLQNQKKVEFKIDIV 200
              ||||||||||||||||||||
Db        181 TWTCTVLQNQKKVEFKIDIV 200


Search completed: March  7, 2005, 07:28:11
Job time : 62.3569 secs
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